

*Palisade*TM

Placental-derived Allograft

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BIOMEDICAL TECHNOLOGIES

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Palisade™

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Palisade™ Placental-Derived Allograft is a dual-membrane allograft, comprised of the amniotic and chorionic membranes of the placenta. Using a proprietary tissue processing technique, Palisade™ is designed as an innovative solution to serve as a barrier or wound cover across a spectrum of clinical needs. Leveraging the structural and biochemical properties of placental tissue, Palisade™ offers a comprehensive biologic approach for a variety of acute or chronic wound applications, particularly when applied to moderate-to-deep wound beds.

PLACENTAL TISSUE

Placental tissue, previously considered biologic waste following delivery, is a pristine newly formed extracellular matrix (ECM) to protect and support fetal development. Therefore, this tissue represents an untainted extracellular matrix.....- essentially a neomatrix.

DESCRIPTIONS OF LAYERS

Broadly, placental tissue includes an internal or fetus facing amnion and an external or maternal facing chorion. The physical and biochemical properties of the two primary membranes are subtly different owing to the position they occupy in the placenta. The amnion is a thinner yet more compact layer of extracellular matrix while the chorion is a slightly thicker but less compact matrix. Both layers are constituted of collagen fibers (predominantly Types I, III, IV and V), along with other ECM proteins (including laminin, fibronectin, proteoglycans and hyaluronic acid).

SAFETY

Donated tissues for Palisade™ products are collected from fully consented mothers undergoing full term c-sections. Each donor is screened according to the strict standards required by the U.S. Food and Drug Administration and the American Association of Tissue Banks. Further, Palisade™ Placental-Derived Allograft products undergo a validated terminal sterilization process to help ensure these products are safe. All donated tissue is obtained in partnership with FDA regulated and accredited recovery organizations. Additional details of screening procedures can be found in the product package insert or Instructions for Use.



PRODUCT SUMMARY

Palisade™ Placental-Derived Allograft products are minimally manipulated and dehydrated and are derived from human amniotic and chorionic membranes of the placenta. Palisade™ allograft tissues retain the structural and functional characteristics of the starting placental membranes. The final products are packaged in different sizes and verified to be terminally sterilized to a 10° SAL



INSTRUCTION FOR USE

Palisade™ Placental-Derived Allograft (361 HCT/Ps) are intended as a natural biologic wound covering or skin substitute for cutaneous wounds. Use of Palisade™ Placental-Derived Allograft by qualified health care professionals is for application in a physician office, outpatient, or inpatient setting.



ORDERING INFORMATION

Palisade™ tissue is available in the following sizes for a variety of choices depending on the patient and circumstance: Product HCPCS Level II code Q4350, Palisade™ Matrix, per square centimeter.

PRODUCT SKU:

PAL - 26222
PAL - 26224
PAL - 26244
PAL - 26248

PRODUCT SIZE:

2x2 cm
2x4 cm
4x4 cm
4x8 cm

REFERENCES:

1. H. Niknejad, H. Peirovi, M Jorjani, et al, "Properties of the Amniotic Membrane for Potential Use in Tissue Engineering", Eur Cell Mater, vol. 15, pp 88-99, 2008.
2. A. Roy, M. Mantay, C. Brannan, and S. Griffiths, "Placental Tissues as Biomaterials in Regenerative Medicine" BioMed Research International, vol. 2022, pp. 1-26, 2022.



NVISION™

Biomedical Technologies
MAR-ACT-001 Rev. B Nvision
Biomedical Technologies, Inc.

ADDRESS

4590 Lockhill Selma Rd. San Antonio, TX 78249
210.545.3713
www.nvisionbiomed.com
contact@nvisionbiomed.com



Innovative Wound Consultants

21222 Gathering Oak, Suite 103, San Antonio, TX 78260
210.332.5004
FAX: 210.579.6647
www.innovativewoundconsultants.com



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